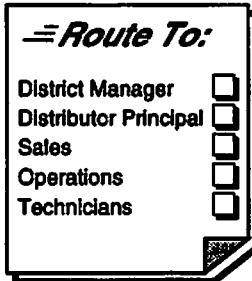
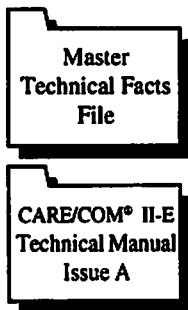




Technical Documentation  
478 Wheelers Farms Road  
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**File In:**



# Product Update

Part Number TF1876  
June 31, 1996

CARE/COM® II-E  
Nurse Call Systems

## CARE/COM II-E Release 1.2 Featuring the Graphical NCS

A new release 1.2 is currently available for CARE/COM® II-E. Highlighting this release is the availability of the new, enhanced graphical display NCS, p/n 36750-1, along with the software necessary to support it.

### Guide to this Product Update

This *Product Update* comprises several paragraphs which describes the features, operation, installation, and programming of the new NCS. Make sure you file this *Product Update* in the *CARE/COM II-E Technical Manual*. In addition, a new *Technical Specification*, TS52007, has been provided for CARE/COM® II-E. Be sure to replace the Table of Contents of Section 700 with the revised version dated 6/96, and file the new *Technical Specification* in that section as necessary.

### Use of This Information

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## 1. INTRODUCTION

CARE/COM II-E's nurse control station (NCS) is the primary point of contact for call processing. Currently there are two NCSs supported: Model 36400-1, the first unit released, and Model 36750-1, an enhanced graphics display unit.

The style of the new NCS has undergone a subtle change in style over the old model. The *Incoming Call Display/Function Menu* has expanded in size to accommodate the larger graphics area. However, once you access the *Incoming Call Display/Function Menu* to process a call or activate a feature, you will indeed notice the improvements provided by the display.

## 2. OPERATION

Generally, the mode of operation has not changed with the new NCS, except for the new features described in paragraph 2.1. The only difference to be seen is the way the information appears in the display, as seen in Figures 1 and 2.

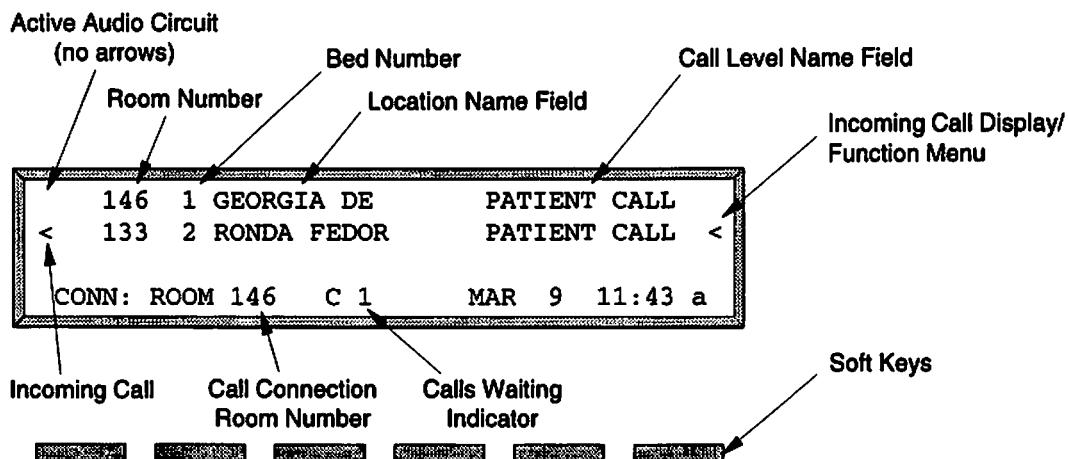


Figure 1. Incoming Call Display of NCS (Model 36400-1)

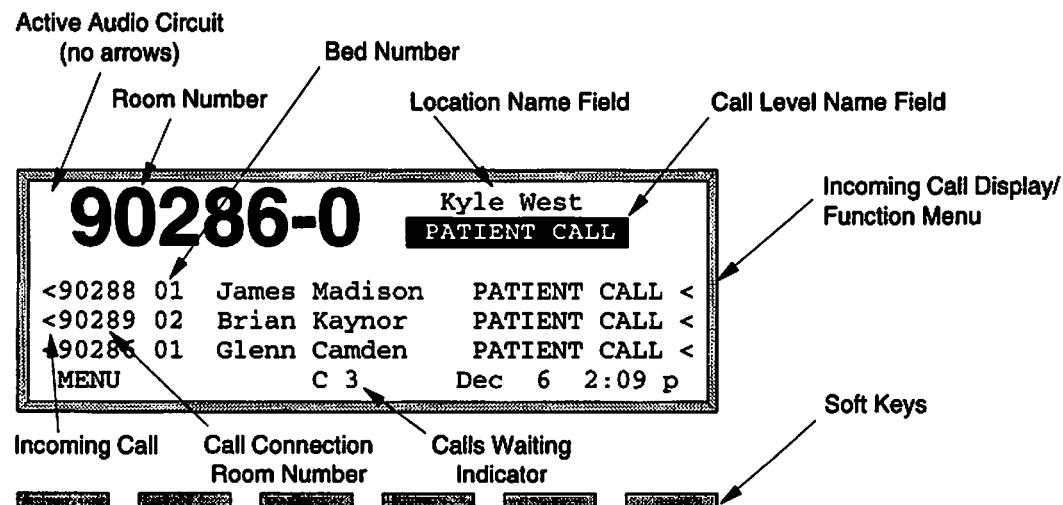


Figure 2. Incoming Call Display of NCS (Model 36750-1)

The former 4 x 40 character display provided by the first NCS is now expanded to an 8 x 40 character display. With the extra space provided, four calls can be displayed in queue rather than three. And the first, or primary call, displays the room and bed number in double-character height and the call level name field in reverse video, to accent the location and level of the call.

You will also notice an improvement in the backlighting of the liquid crystal display.

## 2.1 Features Providing Operational Changes

Some of the changes you will find while operating the NCS have been included in system programming via the *NCS and Paging Options* screen.

The new features accessible to the user includes the following:

- Tone Mute Modes
- Assignment Menu Password
- Full Tone for Level 1 calls
- Service Menu Help Screen

The tone mute feature has been expanded in system programming to provide three tone mute options to the facility. Now, each facility can determine whether to disable the feature (which does not allow tone muting of any calls), allow tone muting of all call levels, or allow tone muting of patient calls only.

Remember to check local and state regulatory codes that may effect the tone mute option available to each facility.

In addition, for the facility which chooses to emphasize code blue calls at all times, an option has been added that provides full tone for code blue calls rather than reminder tones. In that manner, while using the NCS to converse with a patient or staff member, incoming code blue calls will provide full bursts rather than the customary reminder tones.

A six-digit password has been added to the assignment menu which prevents users from accidentally accessing the screen and changing the assignments of station groups. To have no password appear at the NCS, assign a password of 000000 in system programming. This is also the default setting.

And finally, a Help Screen has been added to the Service Report menu at the NCS. The Help Screen is the first screen the user will access if accessing a Service Report. The screen provides either a message determined by the facility, or the default message "CALL YOUR LOCAL EXECUTONE OFFICE FOR SERVICE," to give the user direction in the event they must generate a service call.

For more information on the changes provided by release 1.2, reference paragraph 5. *Programming*.

### 3. DESIGN AND CONFIGURATION

The Model 36400-1 Nurse Control Station features a backlit display, keyboard, and push-to-talk handset. It is used by the nursing staff to effectively communicate with the station units and other NCSs.

*o/b* *→*  
Each Model 36400-1 NCS connects to a specially designed receptacle, which then terminates at the central equipment via the #22AWG, 4-pair station cable (p/n 421764 - PVC/422824 - plenum). The nurse control station is desk mounted, no backboxes are required for installation.

*new* *→*  
The Model 36750-1 (graphic display NCS) connects to a station connecting block by means of a plug-in connector, terminating at the central equipment via a #22AWG, 4-pair station cable as well. However, to provide the power that is needed for the graphical display, an extra pair from the station cable and a connection to the CCPSM/BBS or M-217/4101 power supply is required, as seen in Figure 3.

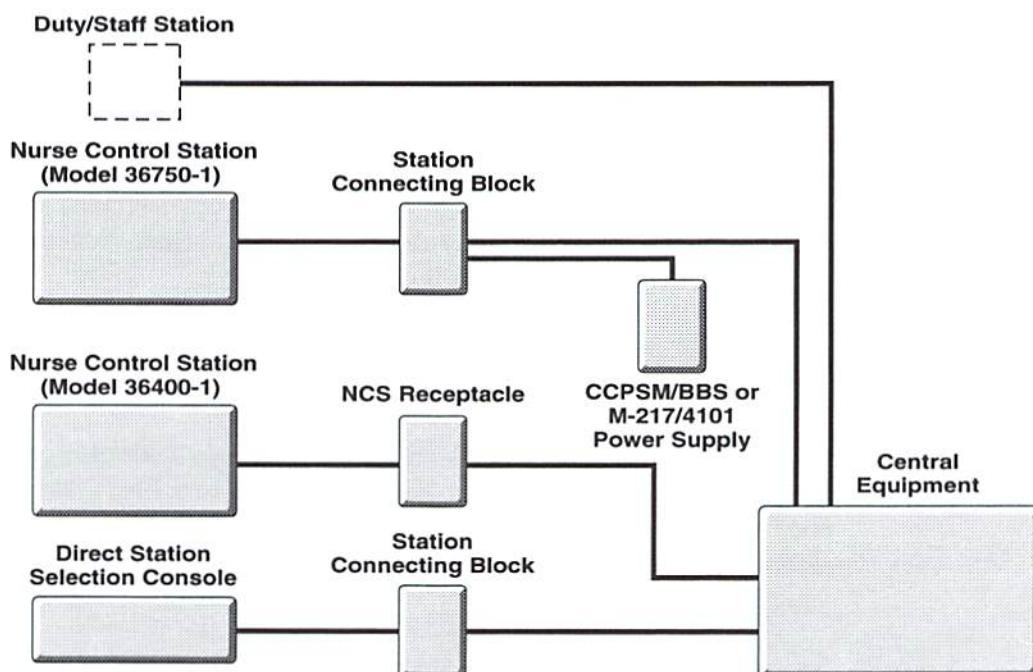


Figure 3. CARE/COM II-E Nurse Control Station System Interface

## **4. INSTALLATION**

As always, an effective system installation is the result of detailed planning, preparation of location and equipment, and careful coordination of the job.

To install the new, graphics display Model 36750-1 nurse control station, refer to the following paragraphs. To install the Model 36400-1 nurse control station, refer to Sections 410 and 420 of the *CARE/COM II-E Technical Manual*.

### **4.1 Nurse Control Station Connections at the Central Equipment**

The installation of the graphics display NCS requires a new, 10-clip small terminal block (part number 49-07-00007) and fused bridging clips (part number 440085). The connection from the station connecting block to the M66 block is identical as the connection from the receptacle to the M66 block on the old NCS model. However, an additional pair of the 4-pair cable is used to provide power to the graphics display. This power connection is terminated on the small terminal block.

#### ***Connecting up to 6 NCSs***

To connect up to 6 graphical NCSs in a system proceed as follows:

- a. Route the 4-pair cable from the station connecting block to the left side of the M66 block on the auxiliary panel.

---

#### **NOTE**

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The station cable from the station connecting block to the auxiliary panel should not exceed 1200 feet.

---

- b. Connect the white/blue, blue/white, white/orange, and orange/white lead from the 4-pair cable to each of the A column clips in the sequence illustrated in Figure 4.
- c. Insert the bridging clips on clips A and B.

---

#### **NOTE**

---

When connecting the leads from the station cable to the right side of the block, be sure the lead attaches to the D column clips in the same sequence described in step b.

---

- d. Connect two #22AWG wires to the terminal block (black and red) by punching down on the inside clip and alternating each clip with each wire, as seen in Figure 4. Each wire should be punched down only three times on the block. Note, make sure the wire is long enough to connect to the power supply on the equipment panel.

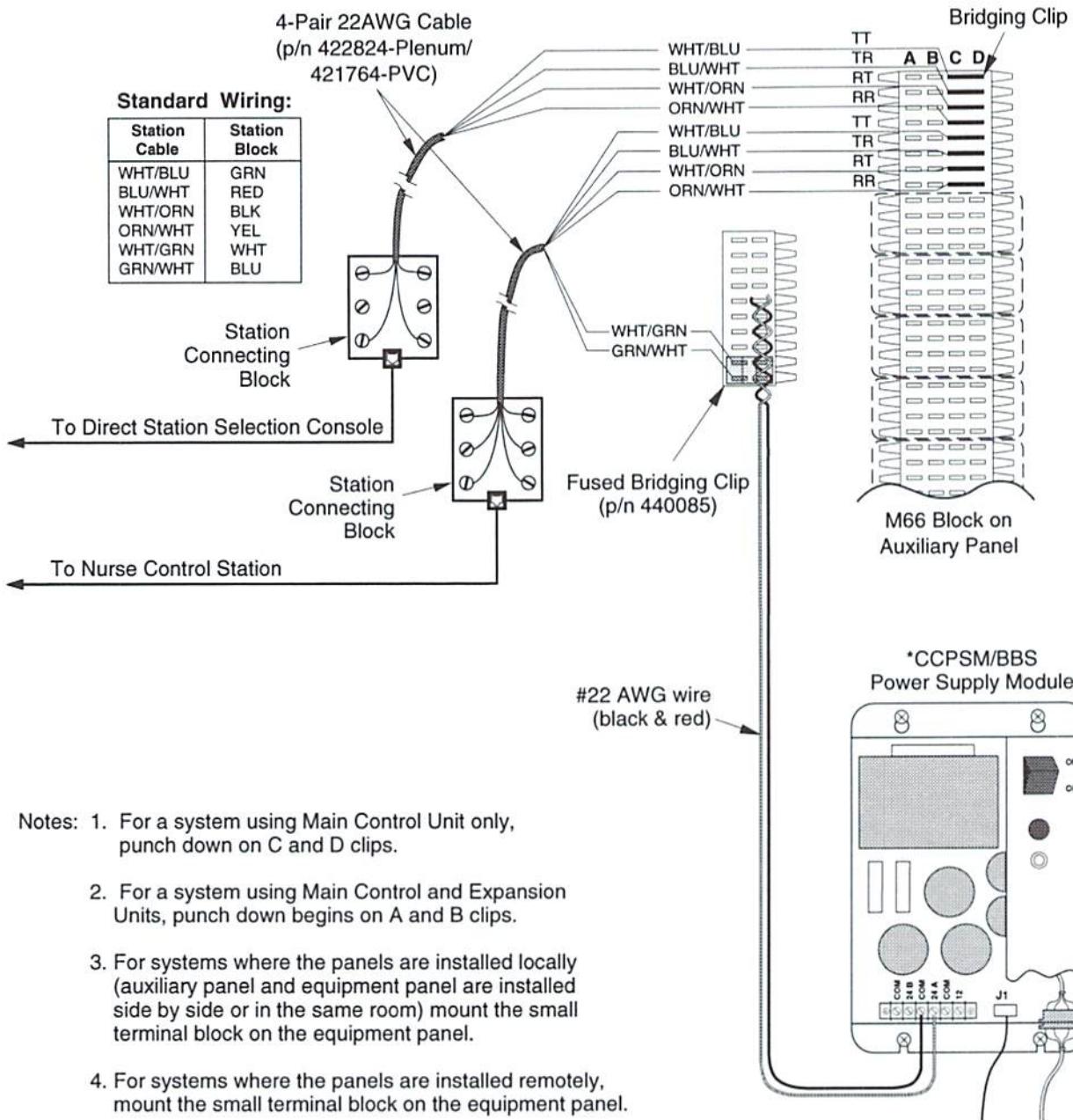


Figure 4. Connecting up to 6 NCSs at the Central Equipment

24v is +  
Comm -

- e. Determine the location to install the terminal block. If the auxiliary and equipment panel are installed side by side, or within the same room, use the free space to the left of the M66 block on the auxiliary panel for installation. If the panels are installed remotely, use the equipment panel for installation.
- f. Secure the terminal block to the panel with self-tapping sheet metal screws (not included with block).
- g. Using the white/green, green/white pair of the 4-pair cable used in step b, punch down each wire on the outside clip of the terminal block.
- h. Install a fused bridging clip, part number 440085, across each pair.

---

**NOTE**

---

Only three NCSs can be punched down on the small terminal block.

---

- i. Connect the black and red #22AWG wires, installed in step d, to the 24 (A or B) and COM screw terminals of CCPSM/BBS power supply module installed on the equipment panel.

---

**NOTE**

---

Two terminal blocks can be connected to the CCPSM/BBS power supply. If the first terminal block connects to 24A and COM, be sure to connect the second terminal block to 24B and COM.

---

### ***Connecting 7 or more NCSs***

Up to six NCSs can be connected (powered by) each equipment panel. If additional power is required, proceed as follows:

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**NOTE**

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This installation requires (one) M-217/4101 power supply be installed in the central equipment cabinet, with a dedicated power source. This power supply provides power for up to 15 NCSs.

---

- a. Route the 4-pair cable from the station connecting block or NCS receptacle to the left side of the M66 block on the auxiliary panel.

---

**NOTE**

---

The station cable from the station connecting block to the auxiliary panel should not exceed 1200 feet.

---

- b. Connect the white/blue, blue/white, white/orange, and orange/white lead from the 4-pair cable to each of the A column clips of the M66 block.
- c. Insert the bridging clips on clips A and B.

---

**NOTE**

---

When connecting the leads from the station cable to the right side of the block, be sure the lead attaches to the D column clips in the same sequence described in step b.

---

- d. Connect two #22AWG wires to the terminal block (black and red) by punching down on the inside clip and alternating each clip with each wire, as seen in Figure 5. Each wire should be punched down five times on the block, with each clip being occupied by a wire (either red or black).
- e. Determine the location to install the terminal block. If the auxiliary and equipment panel are installed locally - either side by side or within the same room, use the free space to the left of the M66 block on the auxiliary panel for installation. If the panels are installed remotely, use the equipment panel for installation.
- f. Secure the terminal block to the panel with self-tapping sheet metal screws (not included with block).
- g. Using the white/green, green/white pair of the 4-pair cable used in step b, punch down each wire on the outside clip of the terminal block.
- h. Install a fused bridging clip, part number 440085, across each pair.

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**NOTE**

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Five NCSs can be punched down on each small terminal block when they are powered by an M-217/4101.

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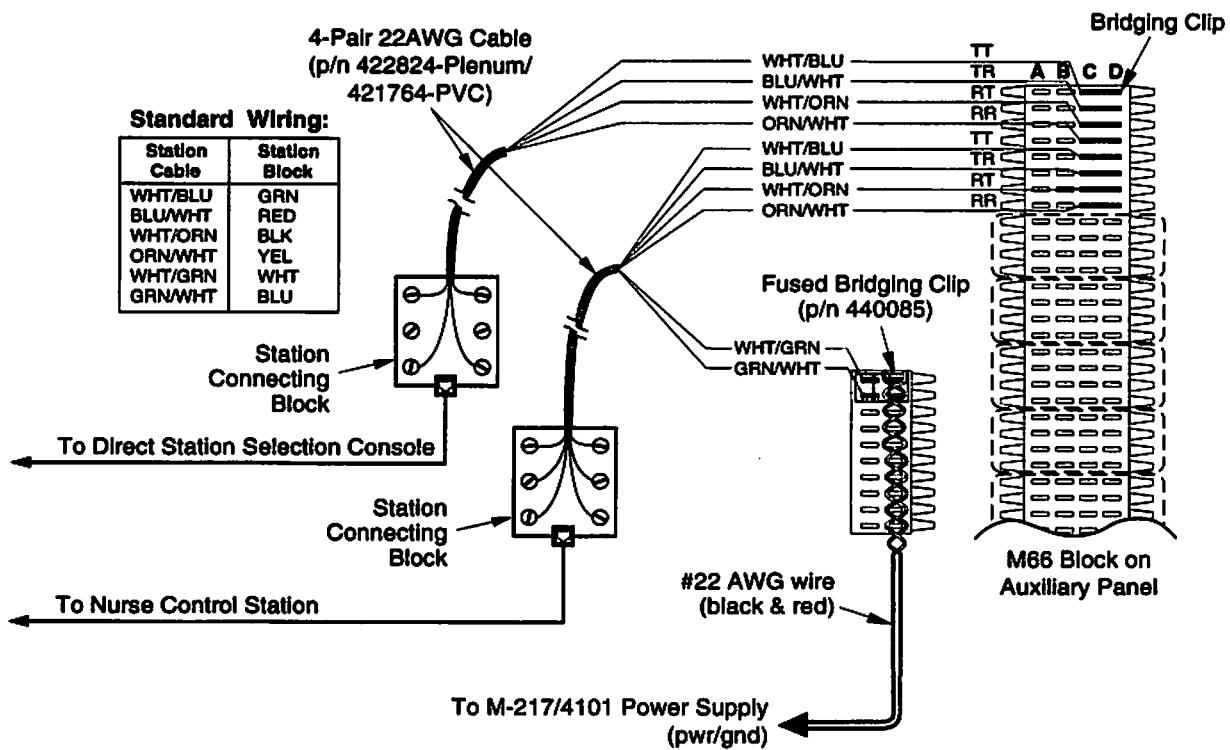
- i. Connect the black and red #22AWG wires, installed in step d, to the power and ground terminals of the M-217/4101 power supply.

## **4.2 Connecting the Nurse Control Station**

To connect the NCS console to the station connecting block, refer to Figure 6 and proceed as follows:

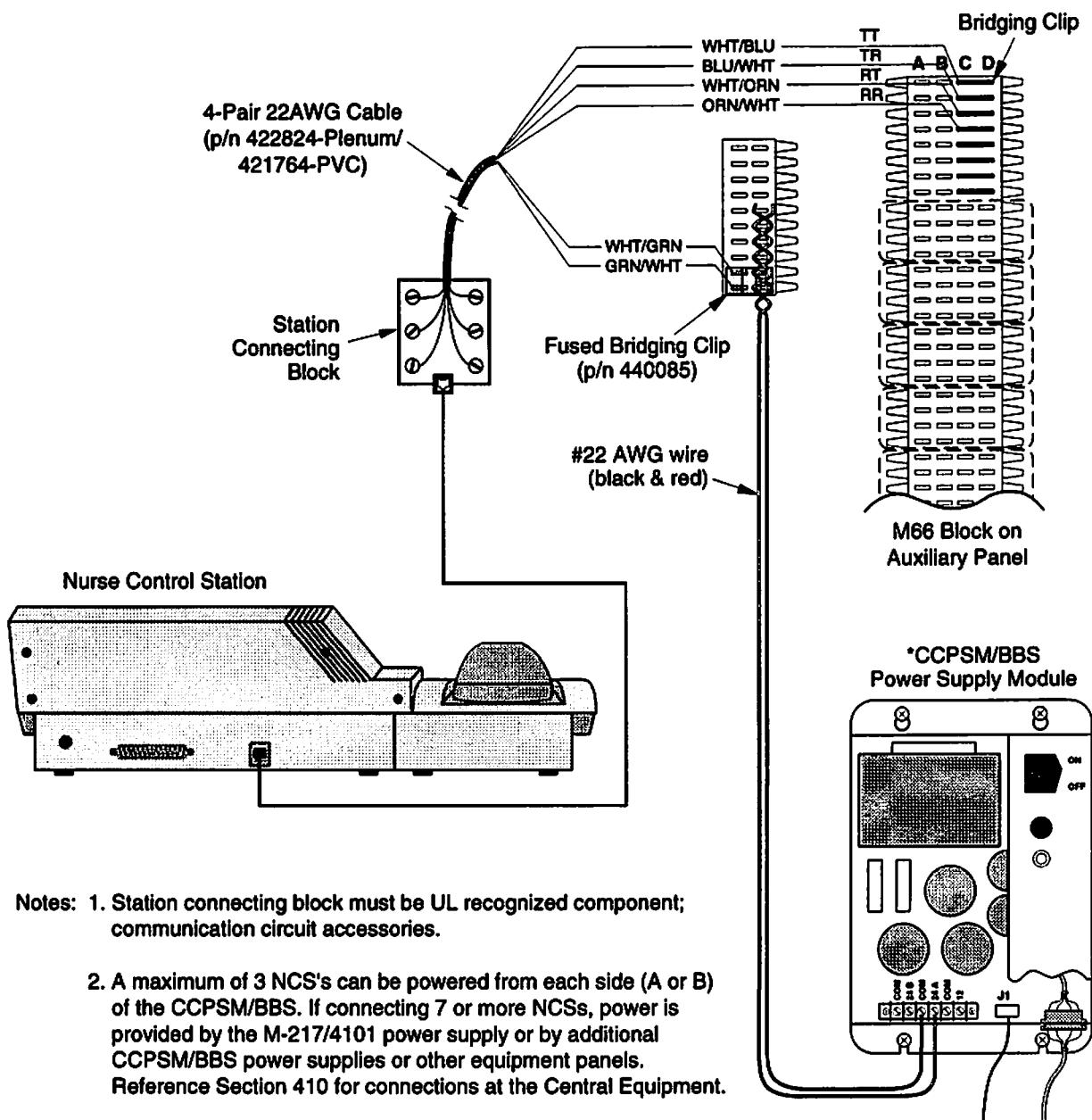
- a. Plug one end of the silver satin cord into the RJ11 connector at the back of the NCS.
- b. Plug the other end of the silver satin cord into the station connecting block.

Once the NCS is plugged in, the message "Executone Information Systems Nurse Control Station" displays on the LCD as system power is initiating.



- Notes:
1. For a system using Main Control Unit only, punch down on C and D clips.
  2. For a system using Main Control and Expansion Units, punch down begins on A and B clips.
  3. For systems where the panels are installed locally (auxiliary panel and equipment panel are installed side by side or in the same room) mount the small terminal block on the equipment panel.
  4. For systems where the panels are installed remotely, mount the small terminal block on the equipment panel.

**Figure 5. Connecting (7 to 15) NCSs at the Central Equipment**



**Figure 6. Connecting the Nurse Control Station**

## **5. PROGRAMMING**

In programming, you will find two screens that have undergone significant change in this release, the B and M screens. The M screen, in fact, has undergone a name change. The former *System Options* screen is now identified as *NCS and Paging Options*.

### **5.1 System Programming**

The *System Programming* screen is used to enter information that affects the overall operation of the CARE/COM II-E system.

The *Room Digits* and *Call Priority Names* field remain unchanged. The *Page Group* information, however, has moved to the *NCS and Paging Options* screen. A new field, *Backup Battery Monitor*, has been added in its place.

#### ***Data Input***

To access the *System Programming* screen from the *CARE/COM II-E Nurse Call System Main Menu*, proceed as follows:

- a. Press the **B** key. The *System Programming* screen appears. The cursor is positioned in the */Room Digits* field.

Consult the data sheets used during system design and configuration to determine how the facility intends to identify room numbers, with 3, 4, or 5 digits.

- b. Type a value of 3, 4, or 5 and press **RETURN**.

---

#### **NOTE**

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Data typed on the screen is not entered into the system until the **RETURN** key is pressed. Or, press the directional arrow keys to leave the field, which will accept the entry.

---

- c. Press the down arrow key to enter the *Call Priority Names* field. This field is used to specify the text used for various call levels. This text appears on the NCS when a call is received. The default call levels are 1 - Code Blue, 4 - Emergency, and 5 - Patient Call. Using the 16-character alpha-numeric space available, identify Level 1 with the nomenclature determined to best suit the facility. Use the arrow keys or **TAB** to move the cursor to Level 4 and Level 5, and type that nomenclature as well. Remember, Level 2 is not used in the system. When Levels 1, 4, and 5 have been defined, press **RETURN**.

- d. Press the **A** key to move to the [A]ux Panel CO entry of the *Battery Backup Monitor* field. The *Battery Backup Monitor* field is used to define the CO (found on the auxiliary panel) which the Power Status Line plugs into. The Aux Panel identifies the panel containing the Main Control Unit. The default CO is 4. To disable the function, type 00.
- e. Using the arrow key, move to the Exp Aux Panel CO entry in the *Battery Backup Monitor* field. The Exp Aux Panel identifies the Expansion Unit. The default setting for the Exp Aux Panel is 0. However, the number entered should correspond to the physical port occupied by the system. To disable the function, type 00.

When the CO port is programmed, a SERVICE indication appears at the nurse control station if a loss of power should occur at the Main Control Unit and/or Expansion Unit.

The next two fields, *Marquee* and *Management Reports*, are currently not available, as indicated by the gray area in Figure 7.

- f. Press the **T** key. The last field, now called *Miscellaneous Options*, retains the option of setting the system in 24 hour time format (or not). The other options (present in 1.0 and 1.1) have been moved to the *NCS and Paging Options* screen. The default setting is N, indicating the time displayed at the NCS appears in 12 hour format. To display the time at the NCS in 24 hour format, press the **Y** key.
- g. Press **ESC** to exit the *System Programming* screen.

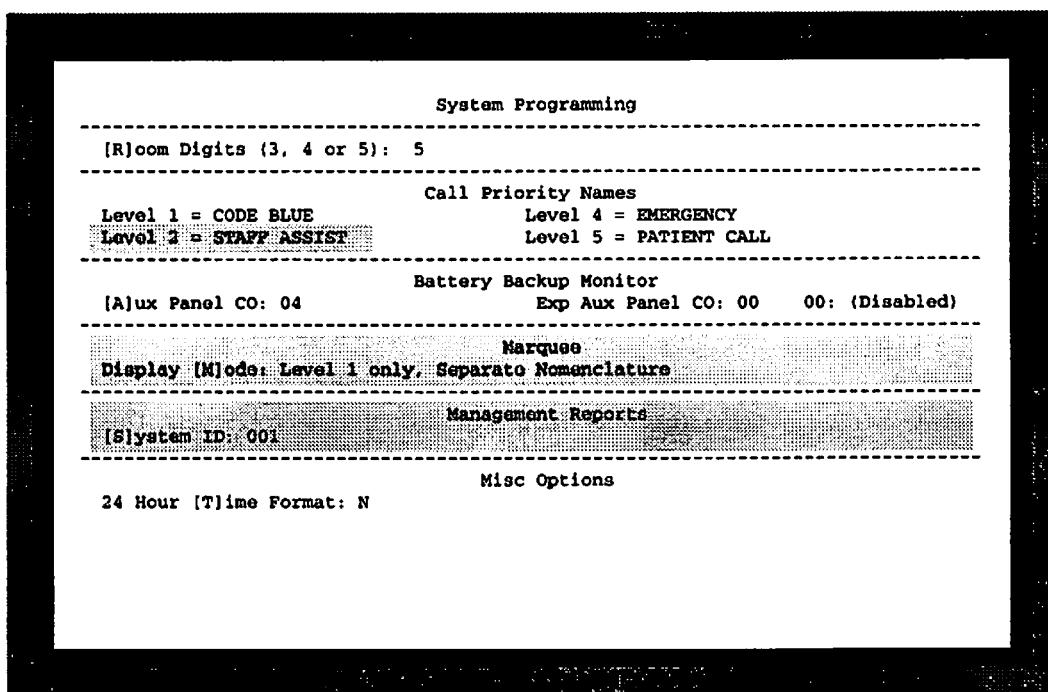


Figure 7. Menu B - System Programming

## 5.2 NCS and Paging Options

The *NCS and Paging Options* screen is used to configure the NCS and paging options specific to the facility being installed.

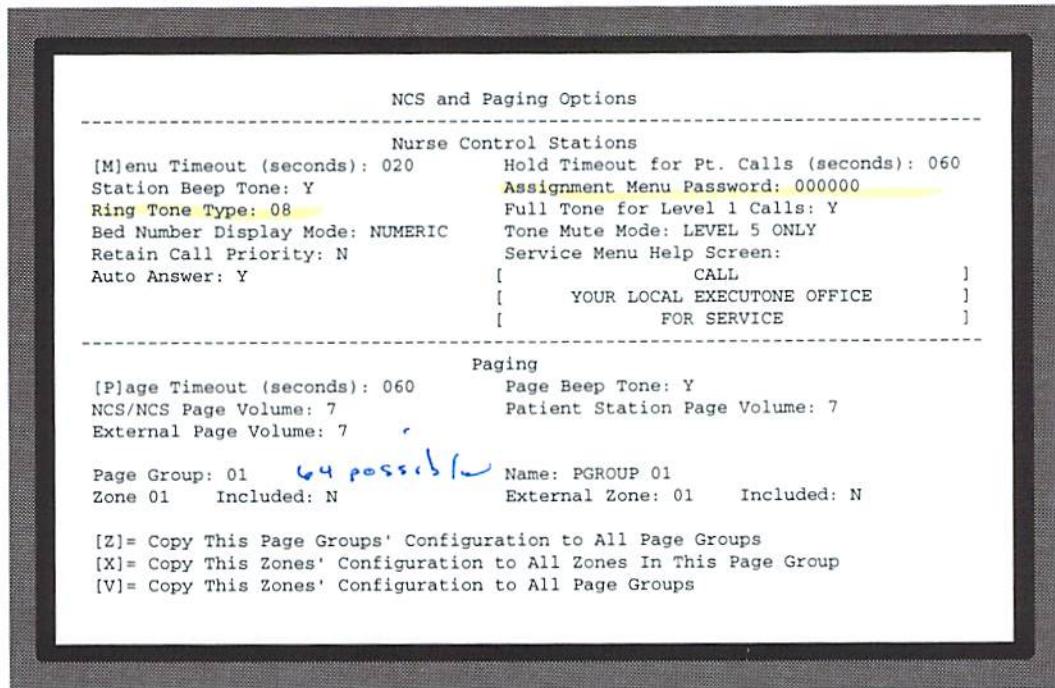


Figure 8. Menu M - NCS and Paging Options Screen

### Data Input

To access the *NCS and Paging Options* screen from the *CARE/COM II-E Nurse Call System Main Menu*, proceed as follows:

- a. Press the **M** key. The *NCS and Paging Options* screen appears.
- b. The cursor is positioned in the *Nurse Control Station* field at the **[M]enu** Timeout (seconds) entry. The **[M]enu** Timeout (seconds) entry determines the length of time the NCS screen remains active before it returns to an idle screen. Type a value, from 01 - 255. The default value is 20.
- c. Using the **TAB** key or directional arrow key, move to each of the entries in the *Nurse Control Station* field. Configure each of the following:

- Station Beep Tone will produce a tone at the patient station when the NCS connects to a patient station. Press **Y** to enable or **N** to disable the feature system wide.
- Ring Tone Type allows the user to select from different tones (heard at the NCS) and choose which one is most acceptable to the facility. By selecting the tone type, it eliminates the confusion of identifying the NCS from (other phones) which may be present in the area of the NCS. There are fifteen different tones to choose from. The value chosen applies to all NCSs in the system. Tone 12 is highly recommended, as this tone has a greater range and adjusts well. Type a number, 1 - 15, or press the **I** or **D** key to scroll to the number associated with the desired ring tone used at the NCS.
- Bed Number Display Mode determines how a bed number displays on the NCS when viewing an incoming call. Acceptable entries are Numeric, Alpha, or None (in which no bed number will be displayed). Press the **I** or **D** keys to scroll through the three choices.
- Retain Call Priority, when set to **Y**, retains the priority of the call as a call is answered or put on HOLD. However, when set to **N**, the priority of the call is lowered when the call is answered. Therefore, the next incoming call which has a higher priority than the active call, will rise to the top of the NCS *Incoming Call Display/Function Menu*. Press **Y** to enable or **N** to disable the feature system wide.
- Auto Answer feature allows the attendant to connect directly to a call when the handset is lifted. If the Auto Answer feature is disabled, the user must press the **ANSWER** key to connect with the call. Press **Y** to enable or **N** to disable the feature system wide.
- Hold Timeout for Patient Calls entry determines the length of time (in seconds) a call can be placed on hold before recalling to the NCS. Type a value from 01 - 255.
- Assignment Menu Password allows the facility to provide password-protected access to the Assignment feature on the NCS. The password is designed to safeguard against unintentional access to the feature, which may lead to accidental unassignment of a station group. When set to 000000, no password is necessary at the NCS. Remember, the password must be entered at the nurse control station when accessing the Assignments feature. If assigning a password, type the 6 digits. To have no password appear at the NCS, type 000000.
- With Full Tone for Level 1 Calls, the facility can determine whether they wish to have full notify tones coming through the NCS at all times for Code Blue calls, or reminder tones only if the NCS is on another call. Press **Y** to enable or **N** to disable the feature system wide.

- Tone Mute Mode provides three choices:

Disable - Does not allow tone muting of any calls.  
All Calls - As stated, allows tone muting of all call levels.  
Level 5 only - Allows tone muting of patient calls only.

Press the **I** or **D** keys to scroll through the three choices.

- Service Menu Help Screen is provided so that the facility can program the SERVICE menu as needed. The 3 line x 40 characters are available for any message the facility desires. By default, the NCS screen will display "CALL YOUR LOCAL EXECUTONE OFFICE FOR SERVICE". To enter the text, type the message determined by the facility. Use the down arrow key to move to the next line, and press **RETURN** to accept the text in each line. The available space is 3 lines x 40 characters each. Check the text at the NCS when programmed for spacing and lay-out of the message. Or, use the default message provided. The message is accepted when the **RETURN** key is pressed.

- d. Press the **RETURN** key to register the data in the system.

---

**NOTE**

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Data typed into the system is not entered in the field, unless the **RETURN** key is pressed. Or, press the directional arrow keys to leave the field, which will accept the entry.

---

- e. Press the **P** key to move the cursor to the [P]age Timeout entry of the *Paging* field. Determine the duration (in seconds) that a paging message can transmit. Type a value from 01 - 255.
- f. Using **TAB** or the directional arrow key, move to each of the entries in the *Paging* field. Configure each of the following:
  - NCS/NCS Page Volume - Type a value from 1 - 7.
  - External Page Volume - Type a value from 1 - 7.
  - Page Beep Tone produces a single alert beep to all paged units when the NCS pages a zone, page group, or page all NCSs. Press the **Y** key to enable or the **N** key to disable the feature system-wide.
  - Patient Station Page Volume - Type a value from 1 - 7.
- g. Move the cursor to the Page Group entry in the *Paging* field. The Page Group entry allows the technician to configure page groups to best suit the facility's needs. A page group combines a number of page zones and external page zones into logical entities. When the attendant at the NCS performs a page over a page group, the audio is heard over all the selected page zones and external page zones. A page zone consists of twelve (stations) units. There are 64 programmable page zones and four external page zones in the system. Type a number, 1 - 64, to specify the page group.

- h. Using **TAB** or the directional arrow key, move to the Name entry. Identify the page group by name, typing up to 16 characters.
- i. Using **TAB** or the directional arrow key, move to the Zone and External Zone entries.
- j. At the zone entry, type the number of the zone (1 - 64) to be included in the page group. Using the directional arrow or **TAB** key, move to the Included location. To specify the zone as included in the page group, press **Y**. Press **TAB** to move to the External Zone entry. Type the number of the external zone (1 - 4) to be included in the page group. Move to the Included location. To specify the external zone as included in the page group, press **Y**.

Repeat step j. for each zone and/or external zone to be included in the page group.

To help in the entry of repetitive data, three copy functions are provided:

- k. To use the copy functions, move to the Zone or External Zone numeric entry and press either the **Z**, **X**, or **V** key.
  - The **[Z]** copy function takes all zone and external zone configuration for the currently selected page group, and copies the value to all page groups.
  - The **[X]** copy function takes the currently selected zone or external zone value and copies it to all 64 zone values in the current page group.
  - The **[V]** copy function takes the currently selected zone or external zone value and copies it to all 64 page groups.
- l. Press **ESC** to exit the *NCS and Paging Options* screen.

## **6. MAINTENANCE**

There are no new Maintenance instructions necessary for the Model 36750-1 NCS or the features incorporated in this release. However, take a moment and review the *Product Care Instructions* provided, to insure a long-lasting, reliably operating system.

### **6.1 Product Care Instructions**

Use caution to avoid spilling or directly spraying liquids onto the NCS or DSS key pad surface. Water and other liquid substances can cause erratic operation by providing insufficient contact of the keys. Spilled liquids can also penetrate the NCS and DSS plastic and cease operation entirely.

To safely clean CARE/COM II-E equipment:

#### **CAUTION**

***Use cleaners that are distinguished as safe for acrylics and polycarbonates, preferably Isopropyl alcohol or denatured alcohol. NEVER use any product containing trichloroethane or freon. These chemicals will disintegrate the plastic, therefore, any hardware items exposed to these chemicals should be removed and replaced immediately.***

- Use a non-abrasive cleaner, preferably isopropyl or denatured alcohol, applied to a soft, lint-free cloth.
- Cleaner should be used sparingly.
- Do not spray cleaning solvents directly onto key pads or speakers (found on the NCS, DSS, patient and duty/staff stations).

## **7. TECHNICAL SPECIFICATIONS**

Included in this *Product Update* is a revised *Table of Contents* for Section 700 - *Technical Specifications*, as well as a new specification for the Model 36750-1 NCS. File the revised Table of Contents and TS52007 Issue A in the *CARE/COM II-E Technical Manual* as necessary.

**TABLE OF CONTENTS**

<u>Part Number</u>	<u>Description</u>	<u>Tech Spec Number<sup>1</sup></u>
36300-1	Equipment Panel	TS52000 Issue A
36280-1	Auxiliary Panel	TS52001 Issue A
CCPSM/BBS	Power Supply Module	TS40141 Issue B
36290-1	Power Supply Module	TS52002 Issue A
A47094S/W	Dual Equipment Cabinet	TS40921 Issue B
A47445S/W	Single Equipment Cabinet	TS40920 Issue B
36750-1	Nurse Control Station (Enhanced LCD)	TS52007 Issue A
36400-1	Nurse Control Station	TS52003 Issue A
36470-1	Nurse Control Station Receptacle	TS52003 Issue A
36500-1	Direct Station Selection Console	TS52004 Issue A
CCP1S/W43	Single Patient Station (off-white faceplate)	TS40120 Issue C
31980-2	Single Patient Station (grey faceplate)	TS40120 Issue C
CCP2S/W43	Dual Patient Station (off-white faceplate)	TS40121 Issue C
31990-2	Dual Patient Station (grey faceplate)	TS40121 Issue C
CCPCS/W43	Single Patient Sideguard Station (off-white faceplate)	TS40107 Issue C
8063-2	Single Patient Sideguard Station (grey faceplate)	TS40107 Issue C
3080215	Dual Patient Sideguard Station (off-white faceplate)	TS40108 Issue C
3080215-2	Dual Patient Sideguard Station (grey faceplate)	TS40108 Issue C
EX-ZCM3	Zone Control Module	TS40913 Issue B
CCDSS/W43	Duty/Staff Station (off-white faceplate)	TS40122 Issue C
31960-2	Duty/Staff Station (grey faceplate)	TS40122 Issue C
PCU-3, -15	Three-Button Patient Control Unit	TS40906 Issue B
PCU-3IC, -15	Three-Button Patient Control Unit	TS40906 Issue B
M282	Call Origination Button	TS40910 Issue B
M518X	Cordset	TS40909 Issue B
M88	Geriatric Call Button	TS40908 Issue B
M18A, -15	Call Button Cordset	TS40907 Issue B
36920-1	Code Blue Station	TS52005 Issue B
36900-2	Emergency Station	TS52006 Issue B
33994	Adapter Plate	TS50085 Issue A
MDLS/W42	Four-Section Dome Lamp	TS40911 Issue B
31780-2	Single Entertainment Interface	TS50045 Issue C
31770-2	Dual Entertainment Interface	TS50045 Issue C
33920-1	Single Television and Light Interface	TS50048 Issue C
33920-2	Dual Television and Light Interface	TS50048 Issue C
J7390RCS/W43P	Radio/TV and Comfort Control	TS40917 Issue B
J7376R1S/W43P	Radio/TV Selector Units	TS40915 Issue B
J7376R2S/W43P	Radio/TV Selector Units	TS40915 Issue B
J7377C1S/W43P	Comfort Control Units	TS40916 Issue B
J7377C2S/W43P	Comfort Control Units	TS40916 Issue B
M-217/4101	Power Supply	TS40930 Issue B

## Technical Specifications

<u>Part Number</u>	<u>Description</u>	<u>Tech Spec Number</u>
WN16-1	Cable	TS40990 Issue B
WN12-1	Cable	TS40991 Issue B
WN08-3RD	Cable	TS40992 Issue B
WN08-3BL	Cable	TS40992 Issue C
WN08-3GY	Cable	TS40979 Issue C
WN05-1	Cable	TS40977 Issue C
WN04-2GY	Cable	TS40987 Issue C
WN03-2	Cable	TS40982 Issue C
WN02-4GY	Cable	TS40986 Issue C
WN02-3, -3P	Cable	TS50057 Issue C
WN02-2	Cable	TS40984 Issue C
421764	Cable	TS40993 Issue A
422824	Cable	TS40993 Issue A

<sup>1</sup> It is very important to know that technical specifications cannot be ordered singly. This means that the number found on the bottom of the technical specification sheets is used only for determining the current revision level of the tech spec.

This section contains the technical specifications sheets for the EXECUTONE® CARE/COM® II-E Nurse Call System. A tech spec sheet for each major system component contains a graphic to identify the equipment and the pertinent technical information in outline form. On the back of each tech spec is the technical information from the front page reworded to serve as a guide when writing about that particular piece of equipment in the system specification.

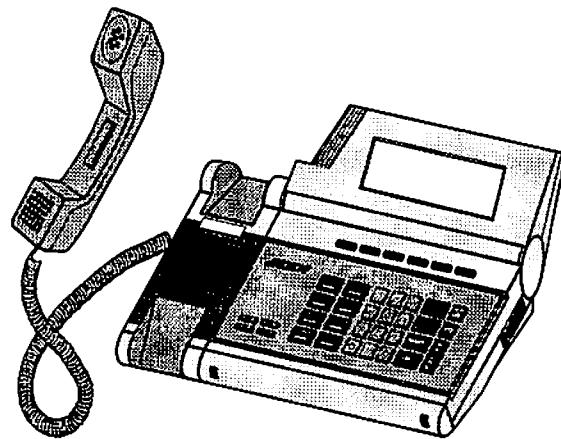
For assistance with specific details such as drawings for wiring, conduit layout, etc., architects and engineers should contact their local EXECUTONE distributor.

*NOTE: Design and specifications are subject to change without notice. The information in the technical specifications may not reflect the latest equipment design; again, architects and engineers should contact their local EXECUTONE distributor.*

## Model 36750-1

## NURSE CONTROL STATION CARE/COM II-E

- EASY TO READ, BACKLIT, LCD GRAPHIC DISPLAY
- DISPLAYS UP TO FOUR INCOMING CALLS
- FUNCTION MENU ACTIVATED BY SOFT KEYS
- CALLS ANNOUNCED BY DISTINCT RATE SIGNALS
- PUSH-TO-TALK HANDSET
- (10) PROGRAMMABLE FUNCTION KEYS



### DESCRIPTION

Microprocessor controlled desk type nurse control station (NCS) with enhanced graphical display. Activities include call processing with up to four incoming calls displayed according to a three-level priority structure. Tone signaling continues until the call is answered or canceled. Additional tones include call reminder, call announce, and busy tone. Push-to-talk handset allows for privacy.

### DISPLAY

8 x 40, backlit, LCD, graphic display provides incoming calls with room number, bed number, location name and call level, as well as time and date information. The first call will display room and bed number in double-character height. Subsequent calls are displayed in single-character height. System features are accessed using soft key function menu.

### COMMUNICATIONS PROVISIONS

The speaker provides audio for both call signaling and handsfree (NCS to NCS) communication. The microphone, separate from the speaker for maximum clarity, is used for voice pickup during push-to-talk communications.

### CONTROLS AND INDICATORS

12-key numeric keypad, (10) programmable keys, (6) soft keys, SCROLL and VOLUME keys, feature keys including: TALK, TONE MUTE, HOLD, RELEASE, and ANSWER key.

### CALL REGISTRATION

Patient calls are shown on the *Incoming Call Display/Function Menu*. Each call is clearly identified by room number, bed number (if applicable), location/patient name and call level. The call levels (according to priority) are: Code Blue, Emergency, and Patient Call. Call level nomenclature is programmable in system programming.

### SPEAKER/MICROPHONE

Speaker - Dynamic 3" (7.62 cm).  
Microphone - Electret microphone.

### RECEPTACLE

The nurse control station requires no special receptacles. The unit connects to a standard (RJ11) station connecting block.

### HOUSING, FINISH, AND DIMENSIONS

High-impact, molded thermoplastic housing finished in grey. Maximum dimensions of a nurse control station are: 14-1/4" (36.20 cm) wide x 5-3/8" (13.65 cm) high x 10" (25.4 cm) (with display upright) or 9" (22.86 cm) (with display extended horizontally) deep.

## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

### NURSE CONTROL STATION

The microprocessor controlled desk type nurse control station shall provide both audible and visual call indication. Activities of the NCS include call processing with up to four incoming calls displayed according to a three-level priority structure. Tone signaling for a call shall continue until the call is either answered or canceled. Additional tones include call reminder, call announce, and a busy tone. Call tones shall be adjustable on the NCS by the user. The user shall be able to communicate either handsfree NCS to NCS communication, or using the push-to-talk handset for privacy.

A graphic backlit LCD capable of displaying 8 x 40 characters. Displays incoming calls according to room number, bed number, location name and call level, as well as time and date information. The first call will display room and bed number in double-character height. Subsequent calls are displayed in single-character height. The multi-layer Function Menu provides system features, accessed using the soft keys.

The speaker shall provide audio for call signaling, as well as handsfree communication. The microphone, separate from the speaker for maximum clarity, is used for voice pickup during push-to-talk communications. The push-to-talk handset provides the attendant with privacy during conversations.

The nurse control station shall feature a 12-key numeric keypad, (10) programmable keys, (6) soft keys which coincide with the Function Menu, SCROLL and VOLUME keys, as well as the feature keys, which include: TALK, TONE MUTE, HOLD, RELEASE, and ANSWER key.

Up to four patient calls are identified on the *Incoming Call Display/Function Menu*. Each call shall be clearly identified by room number, bed number (if applicable), location/patient name and call level. The default call levels, according to priority, are Code Blue, Emergency, and Routine Patient Call. Call level nomenclature can be selected by a System Administrator and programmed in the system programming.

The speaker shall be a dynamic 3" (7.62 cm) cone type. The separate microphone shall be electret type.

The housing shall be made of high-impact molded thermoplastic finish in grey. The dimensions of the nurse control station shall be 14-1/4" (36.20 cm) wide x 5-3/8" (13.65 cm) high x 10" (25.4 cm) (with display upright) or 9" (22.86 cm) (with display extended horizontally) deep.